

PROJECT DESCRIPTION

GENERAL
THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL TO INSTALL A HAZARD IDENTIFICATION BEACON ON SOUTHBOUND U.S. 1 PRIOR TO THE INTERSECTION OF U.S. 1 AND DUNFIELD ROAD IN BALTIMORE COUNTY, MARYLAND. U.S. 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION
THE INTERSECTION OPERATION WILL REMAIN THE SAME.

CONTROLLER REQUIREMENTS
THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

EQUIPMENT LIST "A"

ITEM NO.	QUANTITY	DESCRIPTION
9571	32 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF : - 1 EACH W3-3(2) MOD. (96 IN. x 48 IN.) - MAST ARM MOUNT

EQUIPMENT LIST "B"

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
2002	1 C.Y.	TEST PIT EXCAVATION
6003	16 S.F.	4 INCH CONCRETE SIDEWALK
8003	2 EACH	12 INCH YELLOW L.E.D. VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8024	2 EACH	LED 16 INCH COUNTDOWN PEDESTRIAN SIGNAL HEAD
8028	1 EACH	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT
8040	5 C.Y.	CONCRETE FOR SIGNAL FOUNDATION
8043	1020 L.F.	NO. 6 A.W.G. STRANDED BARE COPPER GROUND WIRE
8048	105 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED
8049	290 L.F.	3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8050	15 L.F.	4 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8062	2 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8064	32 S.F.	INSTALL OVERHEAD SIGN
8070	1 EACH	GROUND ROD - 3/4 INCH DIAMETER x 10 FOOT LENGTH
8074	1 EACH	CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE
8078	1700 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 A.W.G.)
NEG.	1 EACH	MAST ARM POLE (15' T) AND 60 FT. MAST ARM

MAINTENANCE OF TRAFFIC

THE FOLLOWING MINIMUM TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.04-01 (SHOULDER WORK)	STANDARD NO. MD-104.04-13 (LEFT TURN BAY CLOSURE)
STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)	STANDARD NO. MD-104.04-15 (INTERSECTION LEFT LANE, TURN BAY)
STANDARD NO. MD-104.04-05 (RIGHT LANE CLOSURE)	
STANDARD NO. MD-104.04-07 (CENTER LANE CLOSURE)	

EQUIPMENT LIST "C"

NO EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. RANDALL SCOTT
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (410) 321-2781/2785

MR. MIKE PASQUARIELLO
ASST. DISTRICT UTILITY ENGINEER
PHONE: (410) 321-2841

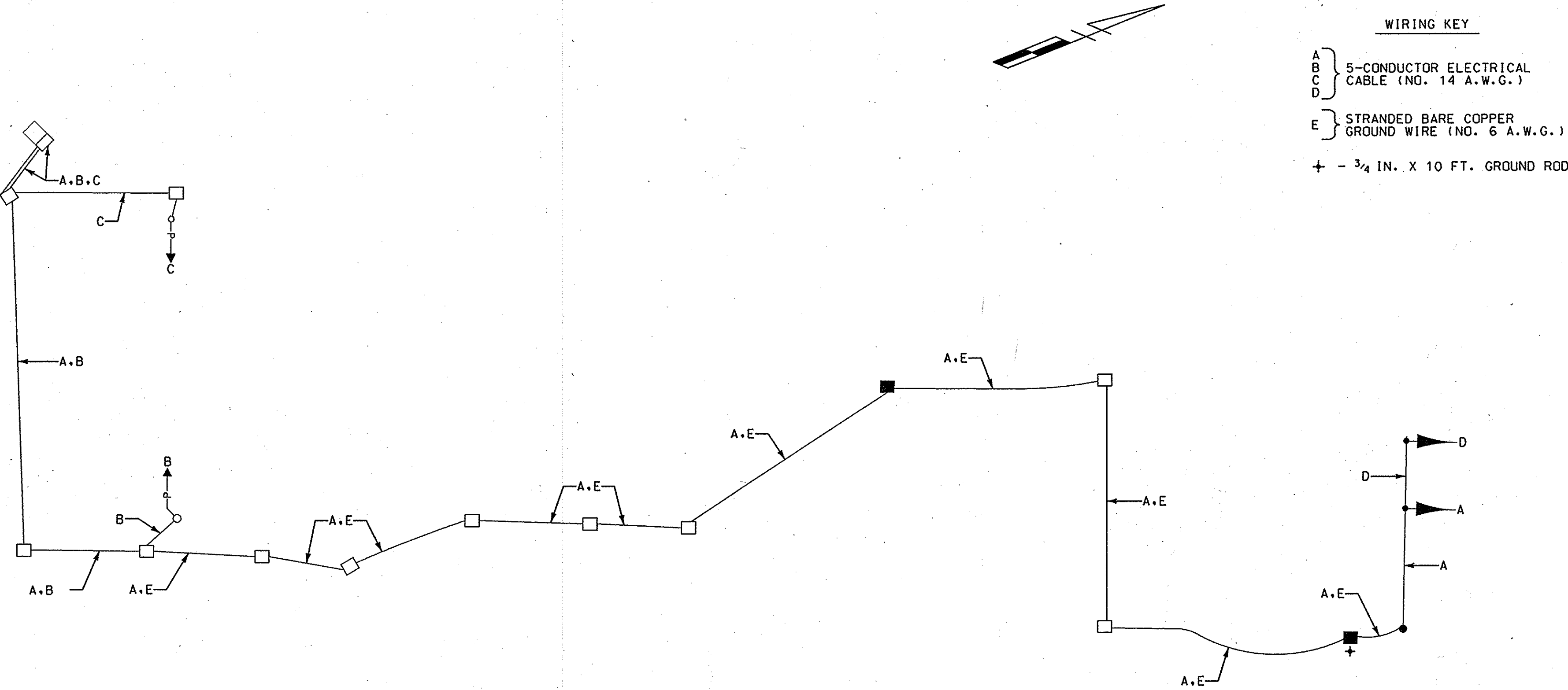
MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (410) 321-2761

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

PHASE CHART

THE INTERSECTION WILL REMAIN THE SAME.

WIRING DIAGRAM



WIRING KEY

- A, B, C } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- E } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- + - 3/4 IN. x 10 FT. GROUND ROD

WR&A
Whitman, Requardt
and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
GENERAL INFORMATION SHEET
U.S.1 (BELAIR RD) AND MD 43 RAMP 'B'/DUNFIELD RD

DRAWN BY: S. BLOSS	F.A.P. NO.	TS NO.	
CHECKED BY: N. LEARY	S.H.A. NO.	1171H	
SCALE: NONE	COUNTY: BALTIMORE	T.I.M.S. NO.	SHEET NO.
DATE: 10/4/2005	LOG MILE: 03000106.28	6850	3 OF 3